

**APPENDIX D**

**Ground Water Resources Graphics**



## Lower West Coast Water Supply Plan -- Appendix D

### List of Tables

Table D-1.	Temporal and Physical Relationship Between Major Aquifer Systems in the Lower West Coast Planning Area .....	D-1
------------	--	-----

### List of Figures

Figure D-1.	Transmissivity of the Water Table Aquifer .....	D-2
Figure D-2.	Transmissivity of the Lower Tamiami Aquifer .....	D-3
Figure D-3.	Transmissivity of the Sandstone Aquifer .....	D-4
Figure D-4.	Transmissivity of the Mid-Hawthorn Aquifer .....	D-5
Figure D-5.	Elevation of the Top of the Lower Hawthorn Confining Unit ..	D-6
Figure D-6.	Elevation of the Top of the Mid-Hawthorn Aquifer .....	D-7
Figure D-7.	Thickness of the Mid-Hawthorn Aquifer .....	D-8
Figure D-8.	Elevation of the Top of the Mid-Hawthorn Confining Unit .....	D-9
Figure D-9.	Thickness of the Mid-Hawthorn Confining Unit .....	D-10
Figure D-10.	Elevation of the Top of the Sandstone Aquifer .....	D-11
Figure D-11.	Thickness of the Sandstone Aquifer .....	D-12
Figure D-12.	Elevation of the Top of the Lower Tamiami Aquifer .....	D-13
Figure D-13.	Thickness of the Lower Tamiami Aquifer .....	D-14
Figure D-14.	Thickness of the Lower Tamiami Confining Unit .....	D-15
Figure D-15.	Thickness of the Water Table Aquifer .....	D-16



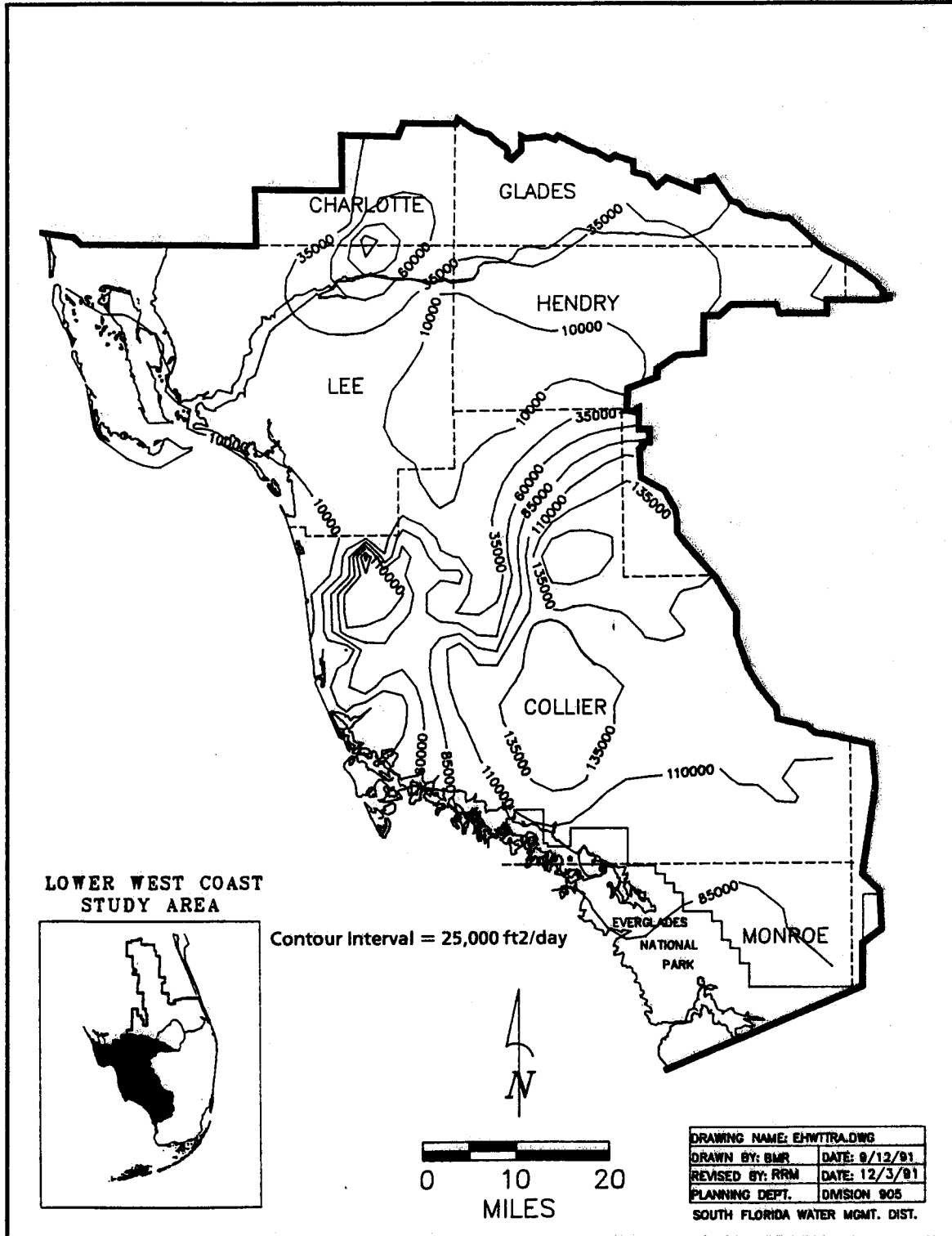
# Lower West Coast Water Supply Plan -- Appendix D

AGE ESTIMATES OF BOUNDARIES (MYBP)	SERIES	STRATIGRAPHIC UNITS		HYDROGEOLOGIC UNITS		TRANS- MISSIVITY		
	Recent	Undifferentiated Deposits		Surficial Aquifer System	Water Table Aquifer	Figure D-1		
0.01	Pleistocene							
3.2	Pliocene				Tamlami Formation		Confining Beds	NA
		Lower Tamlami Aquifer	Figure D-2					
5.0	Miocene	Hawthorn Group	Miocene Coarse Clastics	Intermediate Aquifer System	Upper Hawthorn Confining Zone	NA		
			Peace River Formation		Sandstone Aquifer	Figure D-3		
					Mid-Hawthorn Confining Zone	NA		
			Arcadia Formation		Mid-Hawthorn Aquifer	Figure D-4		
					Lower Hawthorn Confining Zone	NA		
			Tampa Member		Floridan Aquifer System	Lower Hawthorn Aquifer/Tampa Producing Zone	NA	
25.0						Confining Beds		
						Suwannee Aquifer		
37.0			Oligocene		Suwannee Limestone			
			Upper Eocene		Ocala Group			
43.0	Middle Eocene	Avon Park Formation		Deeper Eocene Aquifer(s)	NA			
52.0								

NA = Either the unit is a confining zone, or insufficient data was available.  
MYBP - Million years before present.

Dates are referenced to Decade of North American Geology Geologic Time Scale (Geology, 9-83).

# Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-1. Transmissivity of the Water Table Aquifer (ft<sup>2</sup>/day).**

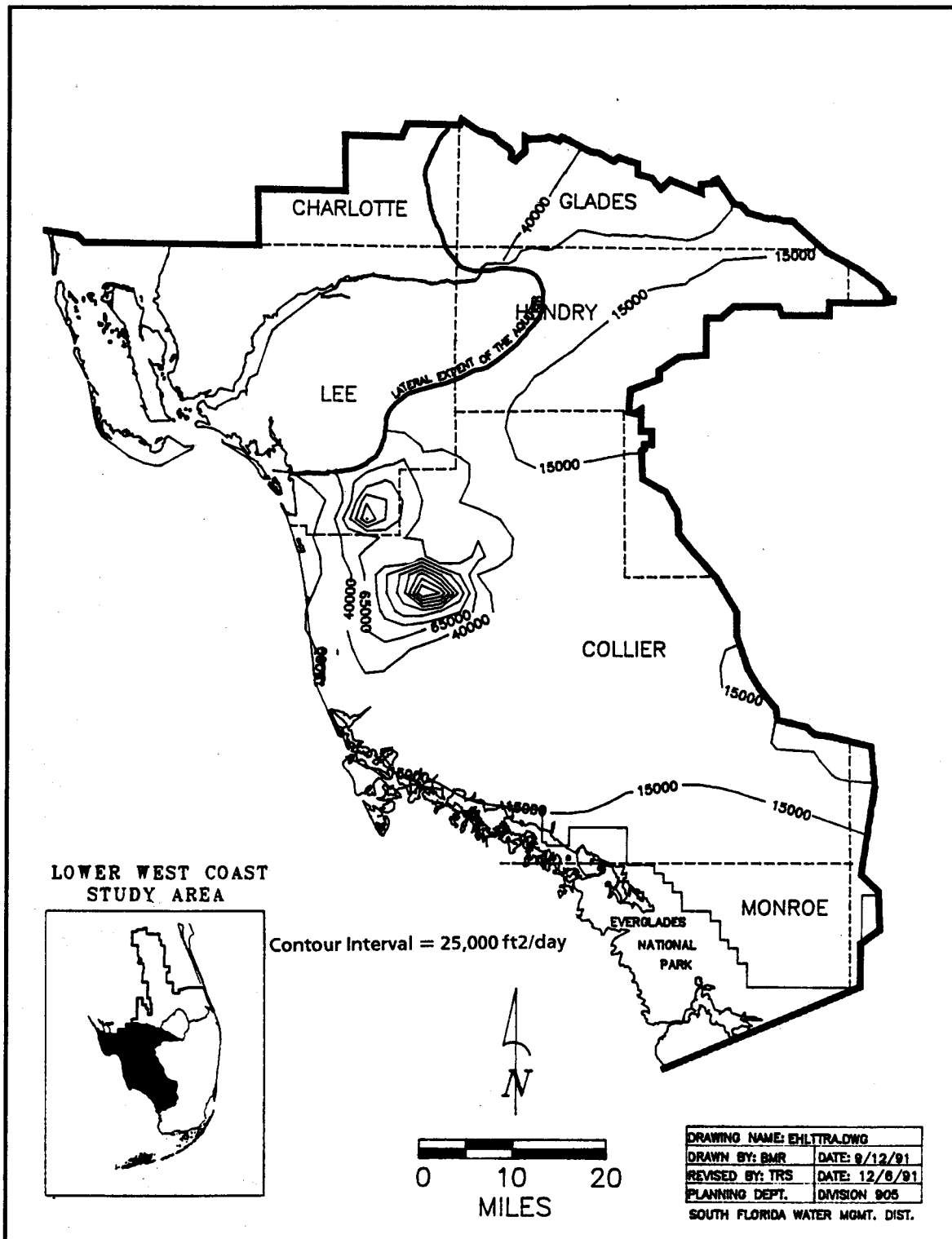
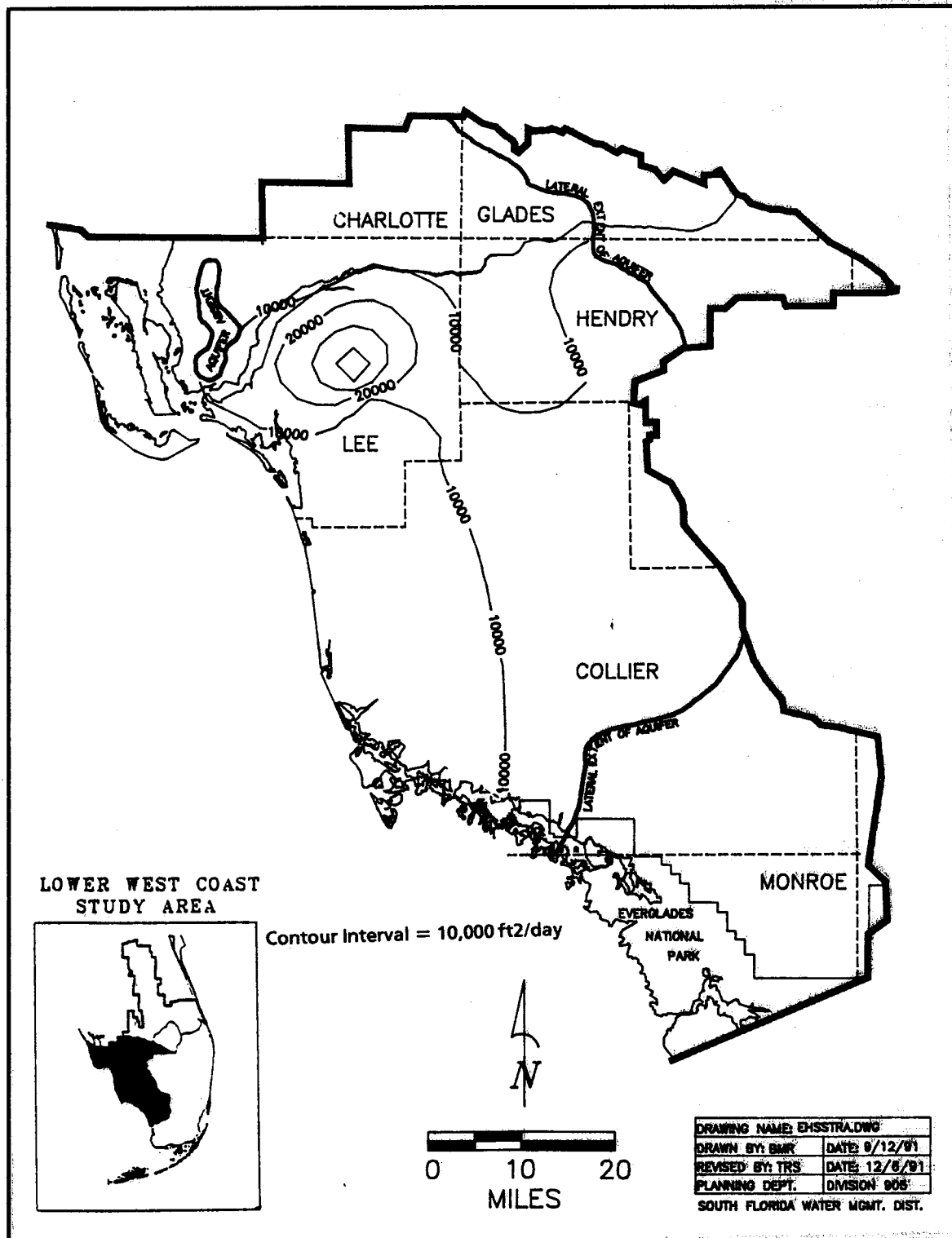


FIGURE D-2. Transmissivity of the Lower Tamiami Aquifer (ft<sup>2</sup>/day).

# Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-3.** Transmissivity of the Sandstone Aquifer (ft<sup>2</sup>/day).



# Lower West Coast Water Supply Plan -- Appendix D

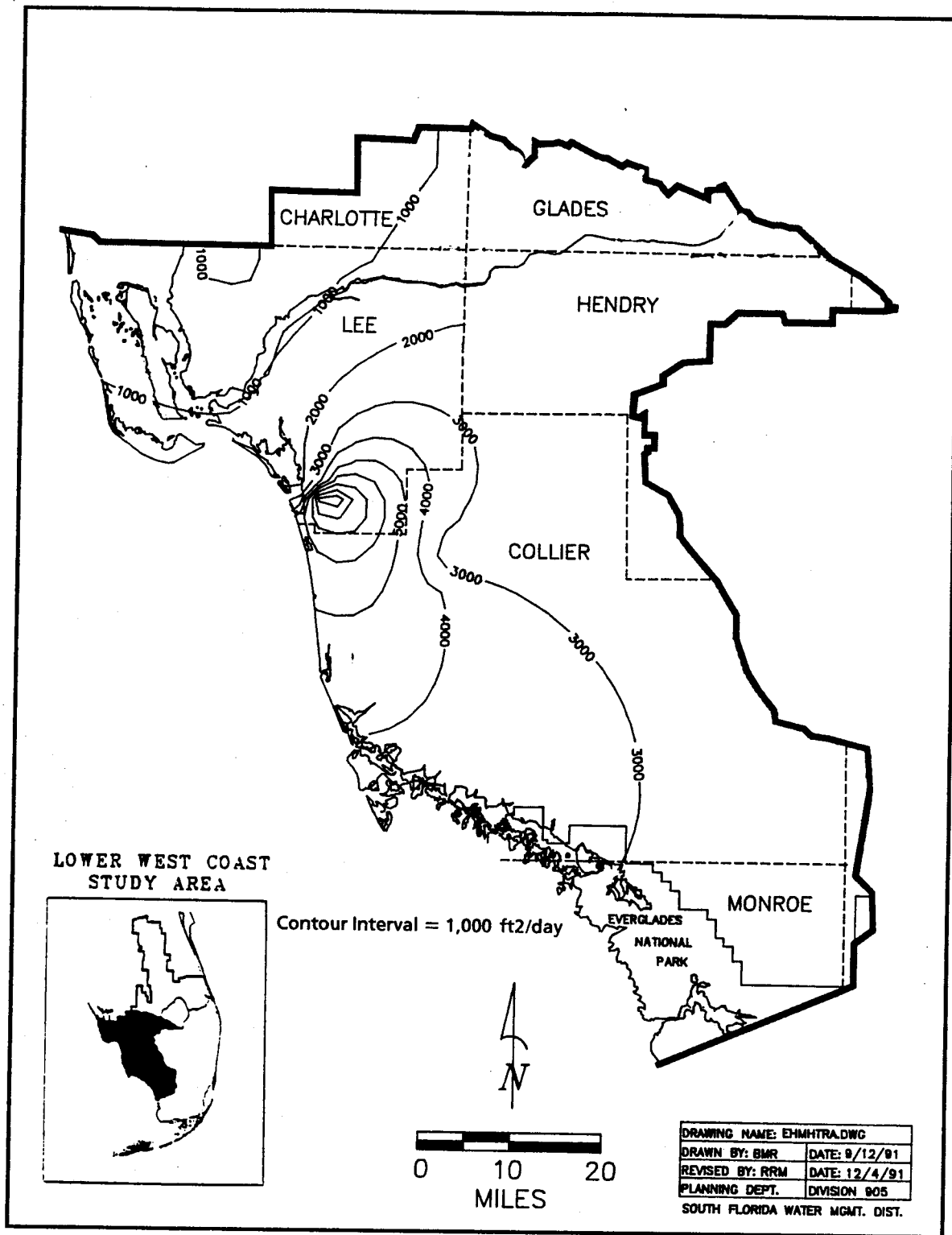
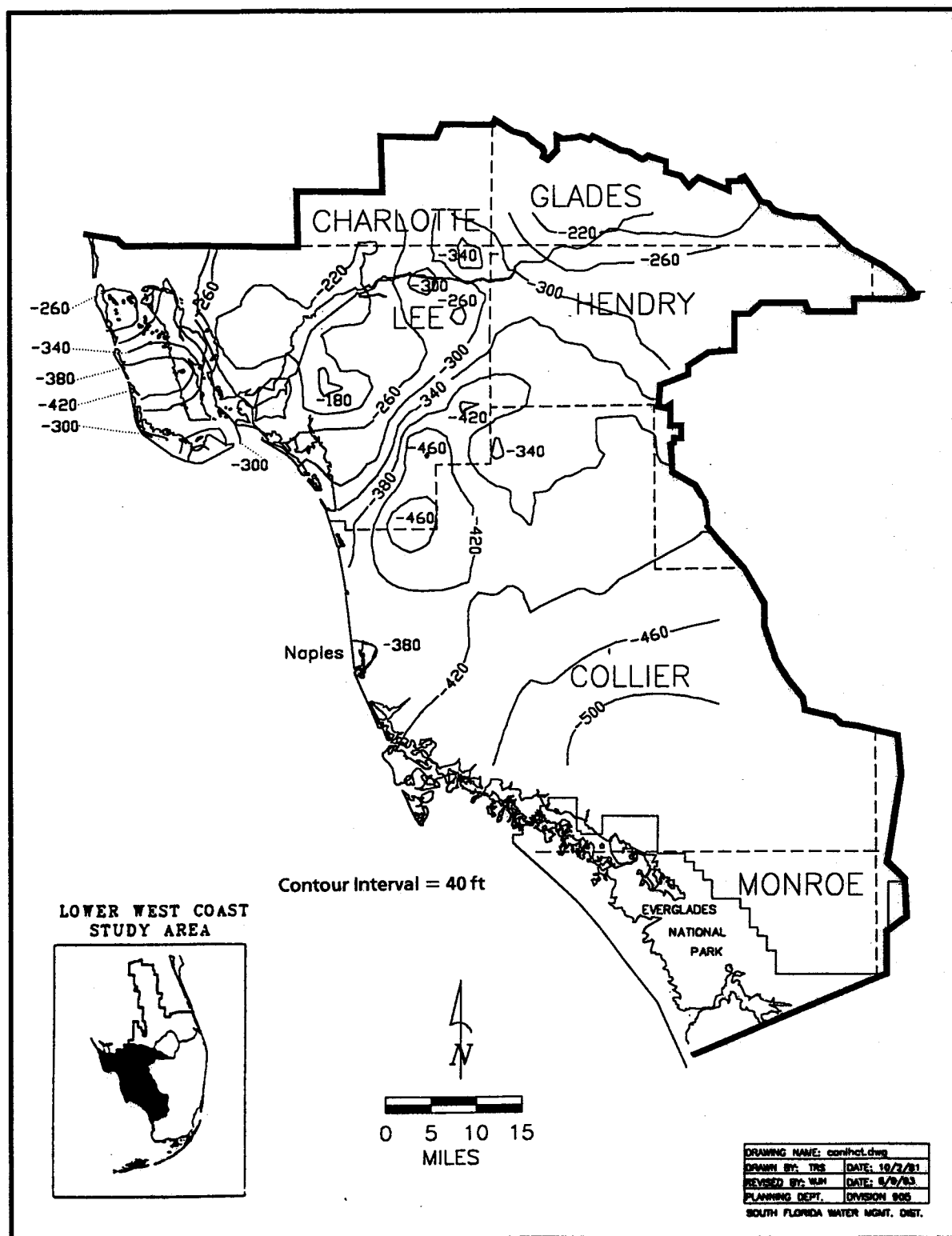


FIGURE D-4. Transmissivity of the Mid-Hawthorn Aquifer (ft<sup>2</sup>/day).

# Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-5. Elevation (in feet, NGVD) of the Top of the Lower Hawthorn Confining Unit.**

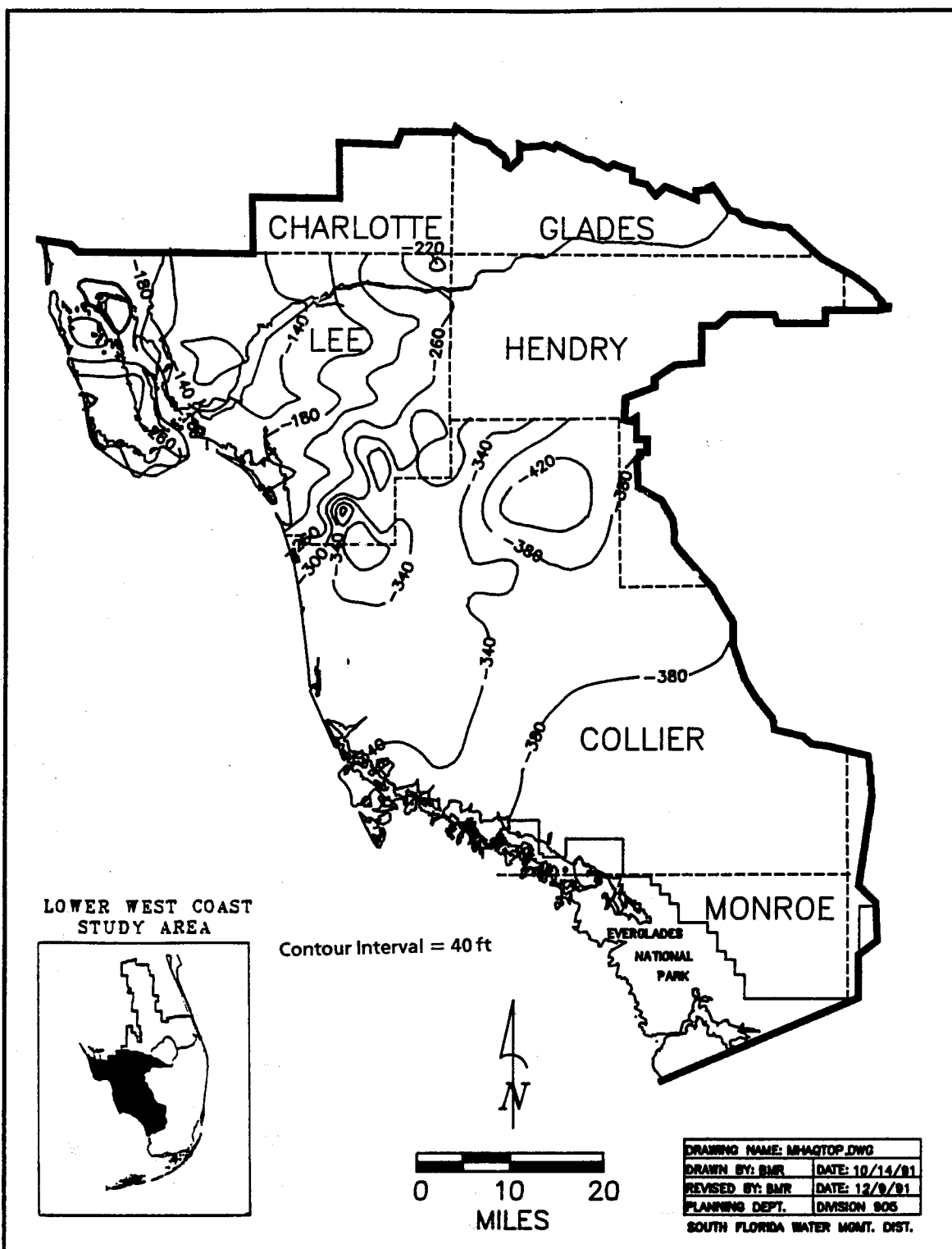
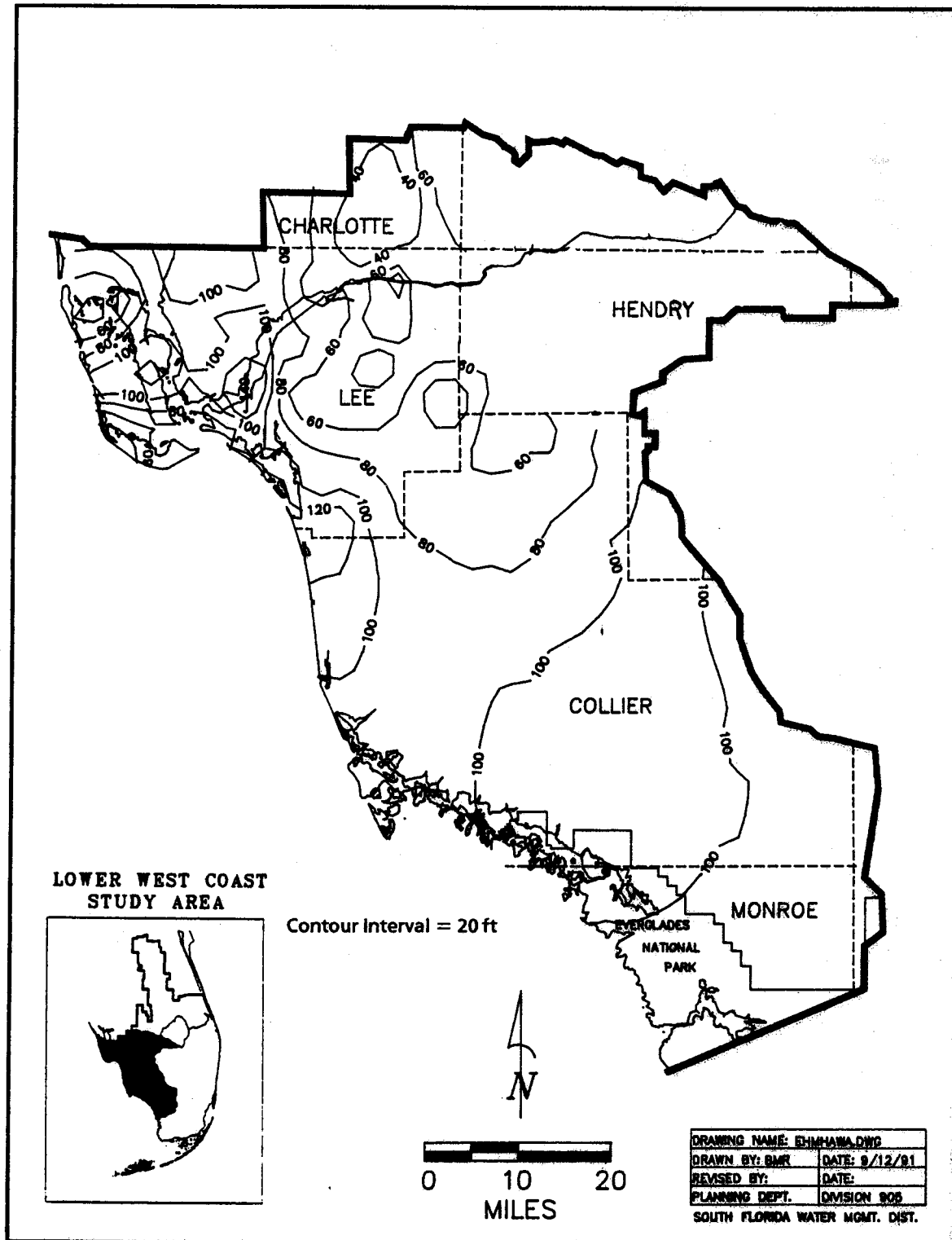


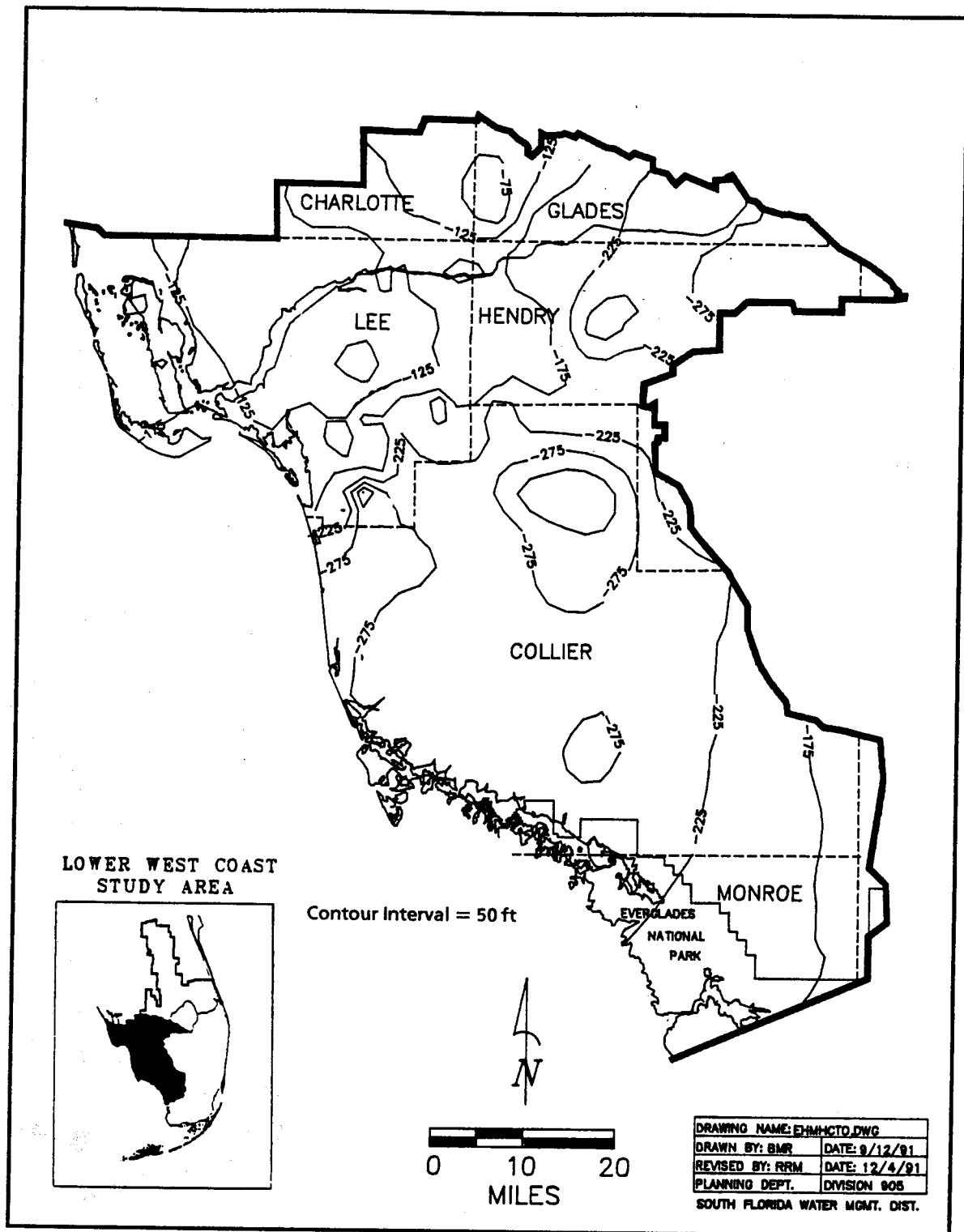
FIGURE D-6. Elevation (in feet, NGVD) of the Top of the Mid-Hawthorn Aquifer.

# Lower West Coast Water Supply Plan -- Appendix D



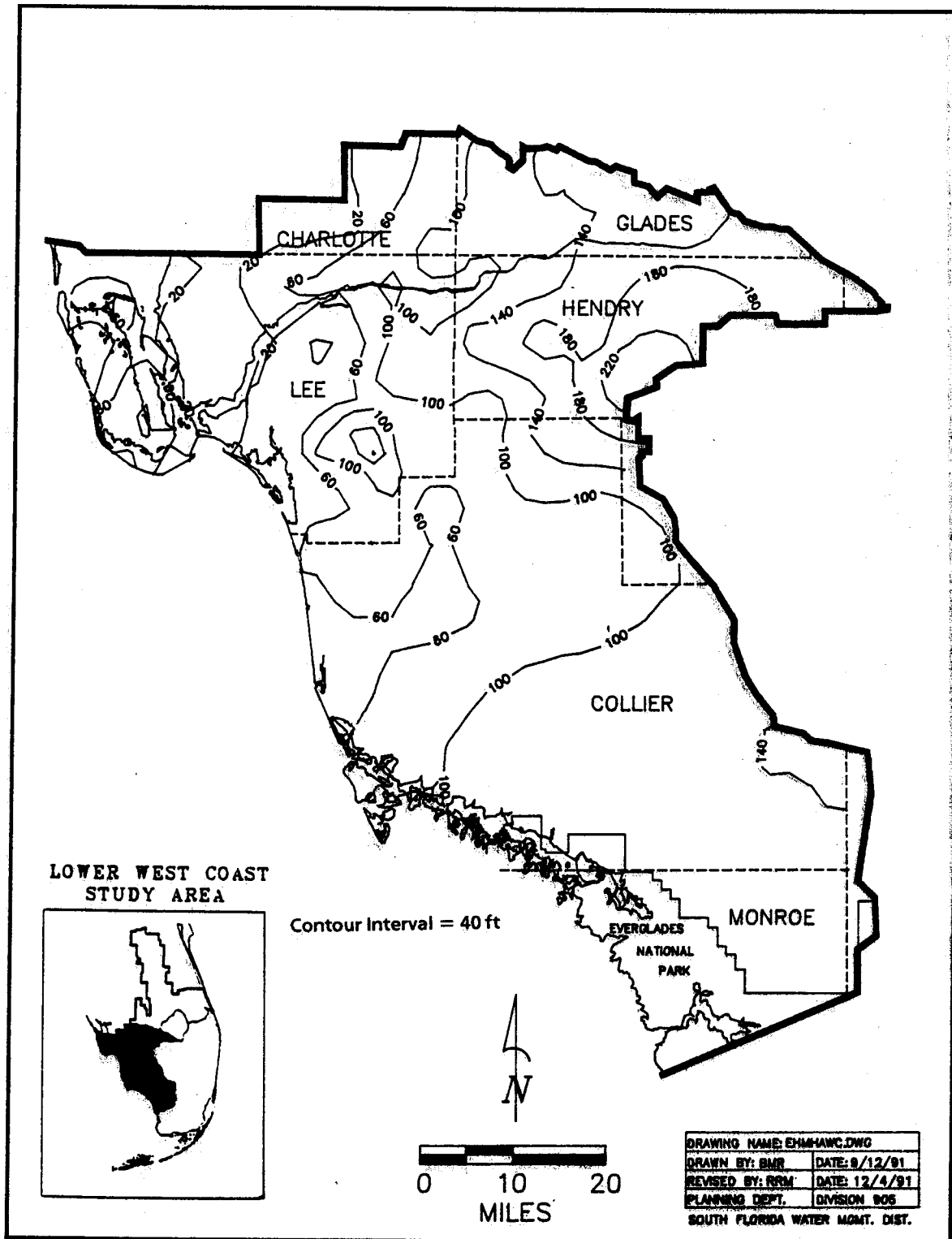
**FIGURE D-7. Thickness (in feet) of the Mid-Hawthorn Aquifer.**

# Lower West Coast Water Supply Plan -- Appendix D



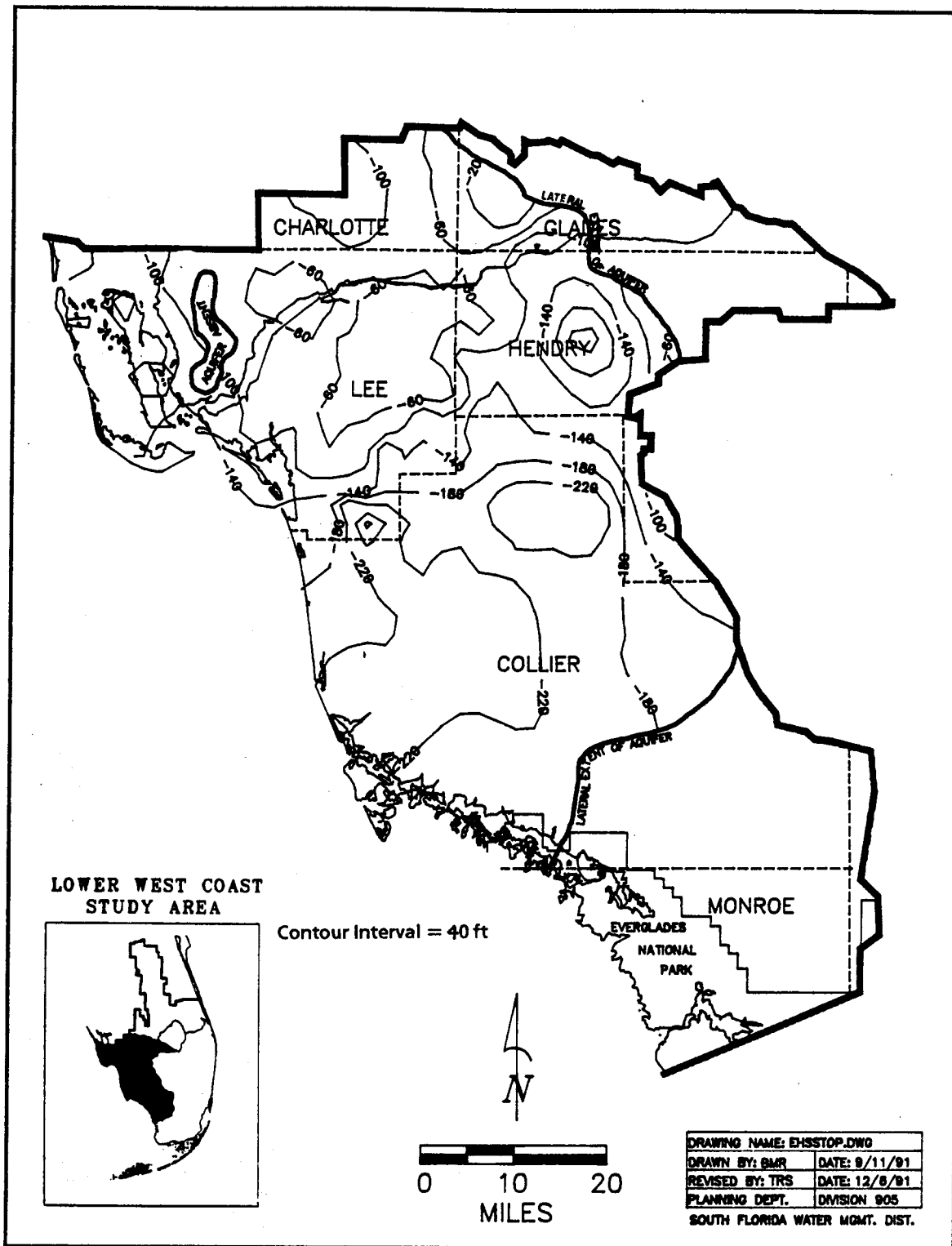
**FIGURE D-8.** Elevation (in feet, NGVD) of the Top of the Mid-Hawthorn Confining Unit.

# Lower West Coast Water Supply Plan -- Appendix D



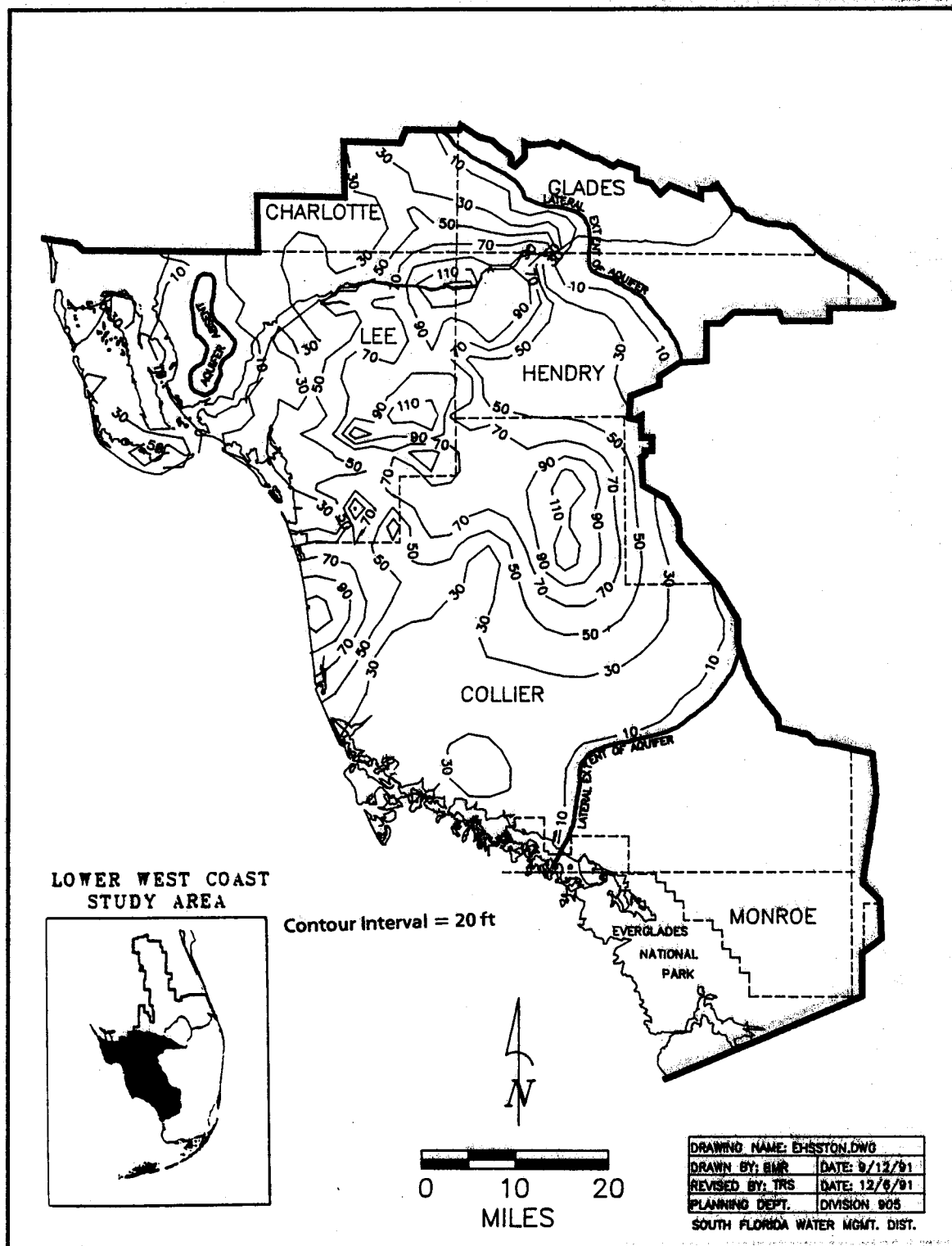
**FIGURE D-9. Thickness ( in feet) of the Mid-Hawthorn Confining Unit.**

# Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-10. Elevation (in feet, NGVD) of the Top of the Sandstone Aquifer.**

# Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-11. Thickness (in feet) of the Sandstone Aquifer.**



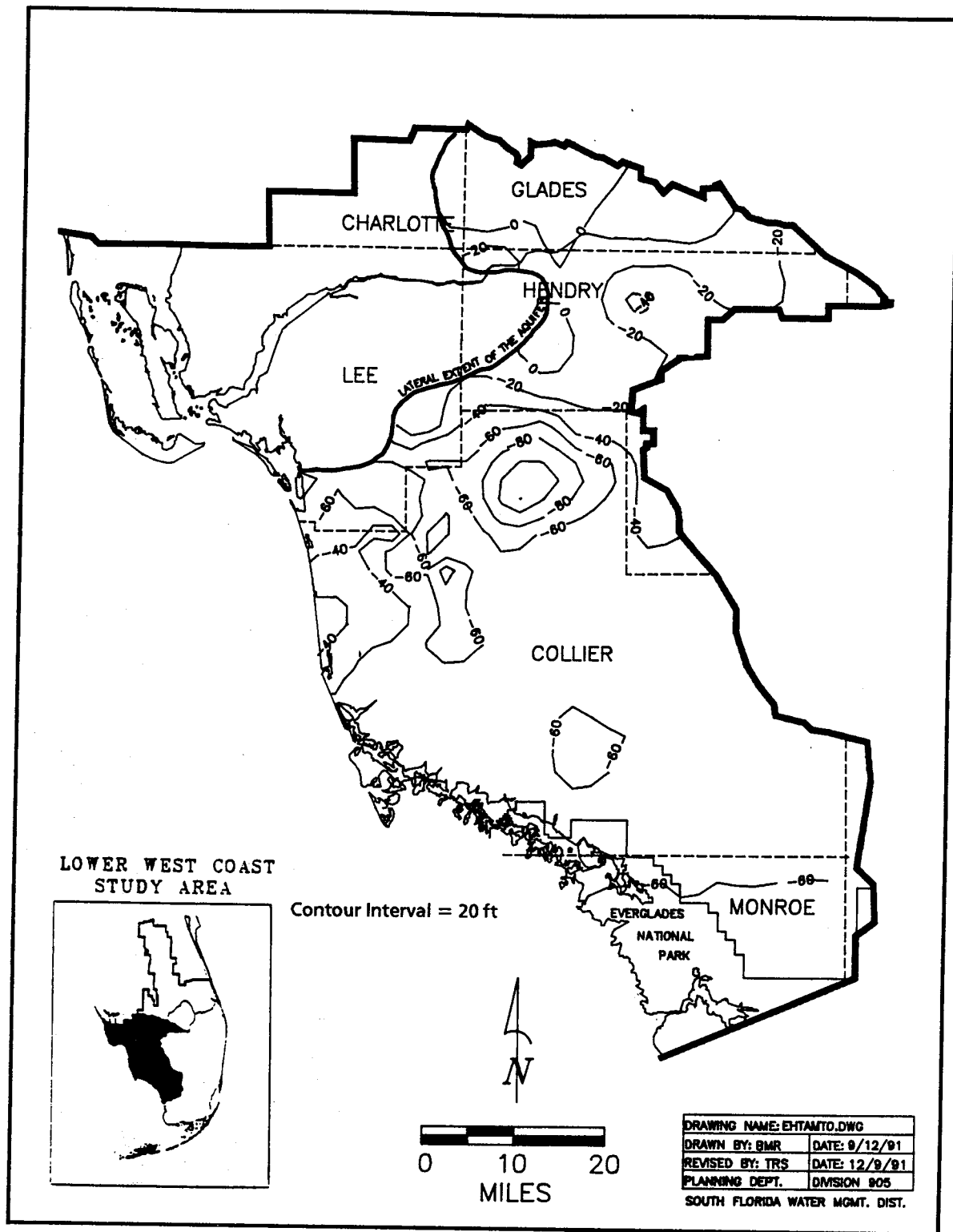
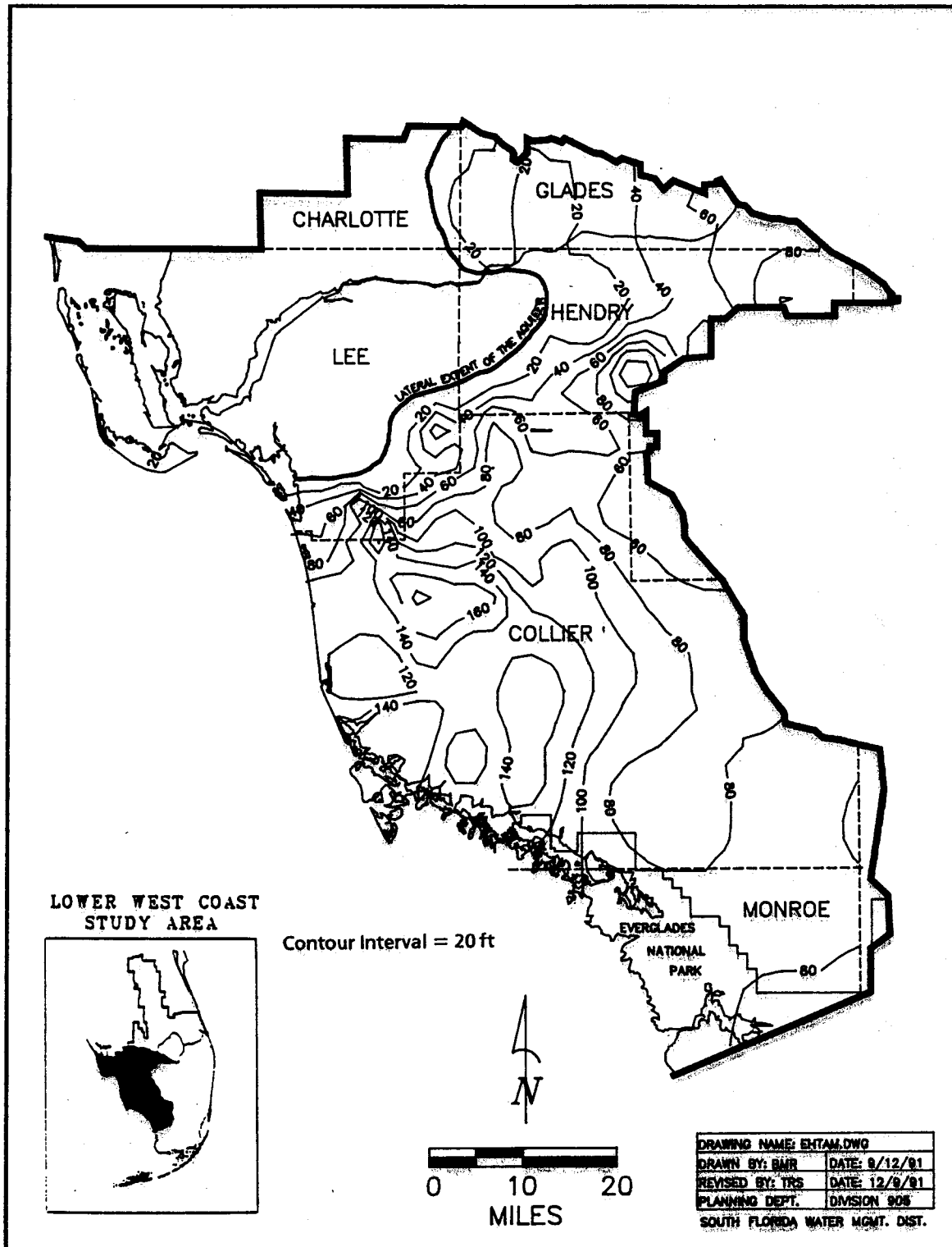


FIGURE D-12. Elevation (in feet, NGVD) of the Top of the Lower Tamiami Aquifer.

# Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-13. Thickness (in feet) of the Lower Tamiami Aquifer.**

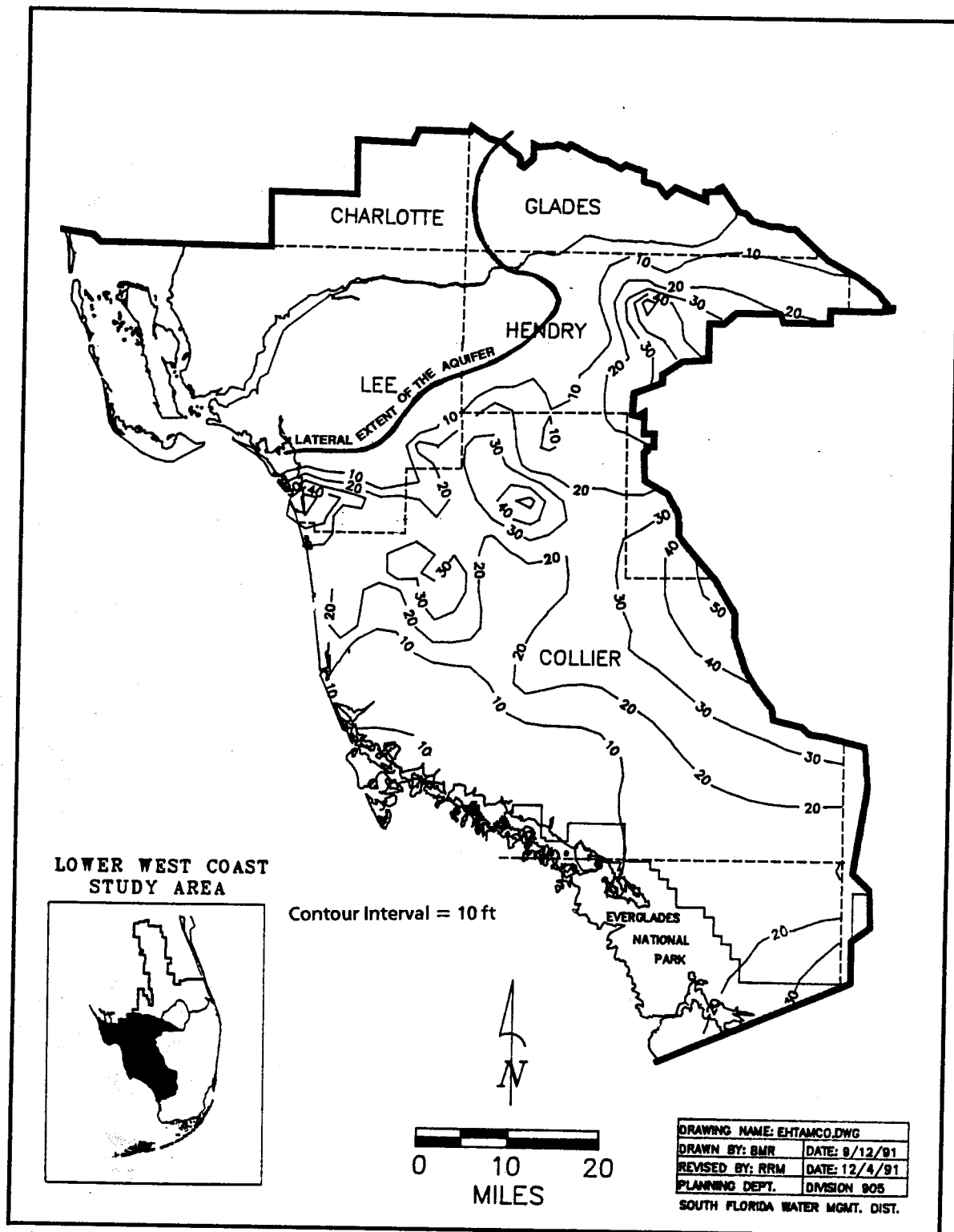
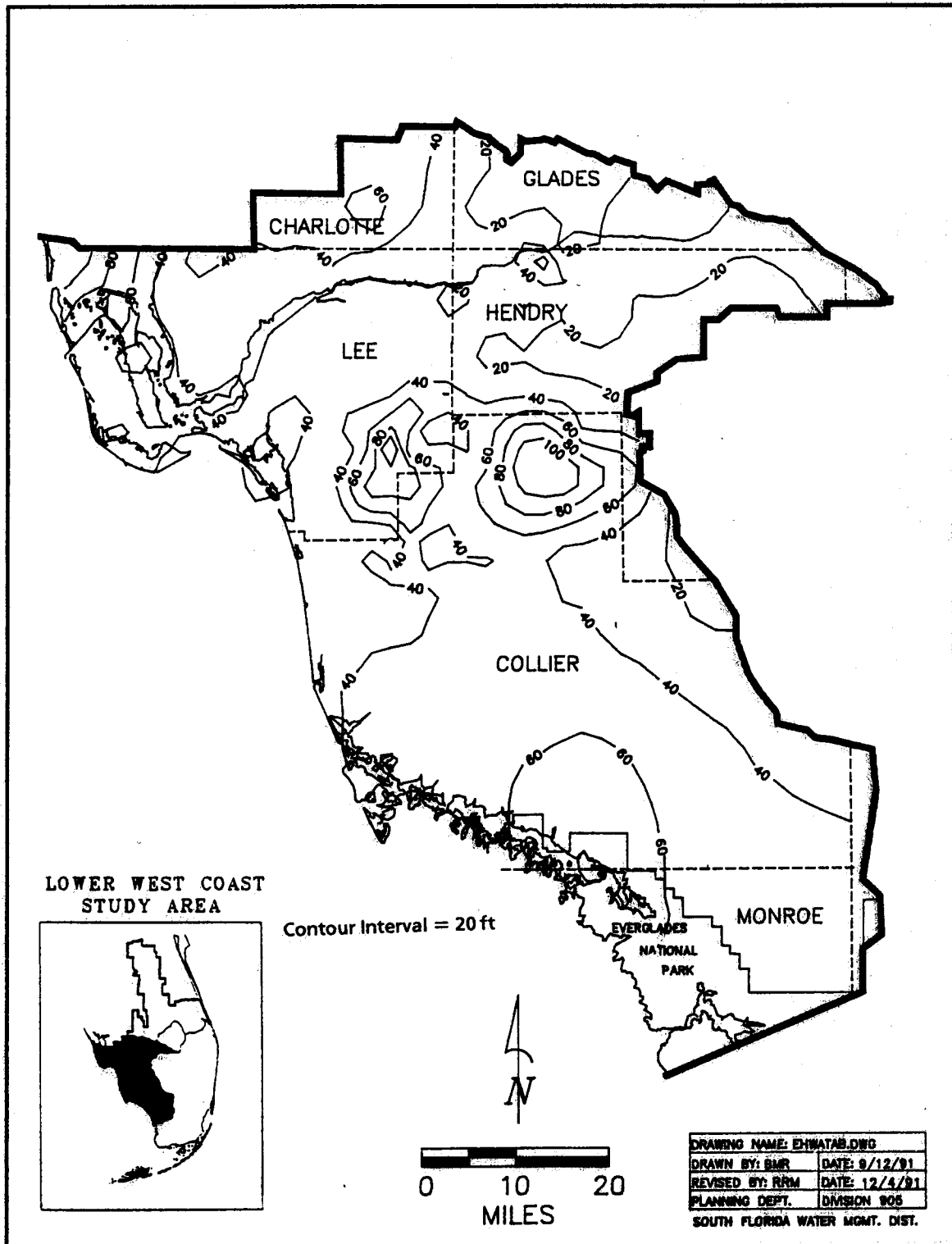


FIGURE D-14. Thickness (in feet) of the Lower Tamiami Confining Unit.

## Lower West Coast Water Supply Plan -- Appendix D



**FIGURE D-15. Thickness (in feet) of the Water Table Aquifer.**